

GROUND-WATER LEVELS

ESSEX COUNTY

380024076585801. Local number, 55N 2.

LOCATION.--Lat 38°00'24", long 76°58'58", Hydrologic unit 02080104, 250 feet north east of U.S. Highway 17, 1.6 mi north west of State Highway 624, 1.2 mi southeast of Champlain on the north bound side of U.S. Highway 17. Owner: Ray Ellis.

AQUIFER.--Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused water well, diameter 4 in., depth 516 ft, casing 0 to 494, 514 to 516, screened 494 to 514.

INSTRUMENTATION.--Occasional measurement with chalk tape by USGS personal.

DATUM.--Elevation of land surface datum is 141 ft above sea level, from topographic map. Measuring point: Top of sanitary seal, 1.96 ft above land surface datum.

REMARKS.--Water level affected by regional drawdown.

PERIOD OF RECORD.--September 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 153.12 ft below land-surface datum, Sep. 9, 1999; lowest measured, 153.89 ft below land-surface datum Jun. 27, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	WATER LEVEL
SEP 09	153.12

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09	153.30	MAR 29	153.24	MAY 18	153.67	JUN 27	153.89	AUG 03	153.76
WATER YEAR 2000		HIGHEST 153.24		MAR 29, 2000		LOWEST 153.89		JUN 27, 2000	

